

AgDamage

Assessment Form



Damage Assessment and Economic Loss Estimation

For Agricultural Commodities, Materials, Structures, and Machinery

When agricultural commodities or agricultural facilities sustain damage as the result of a disastrous event, local review teams are expected to inspect and review the extent of damage and determine the economic loss as a result of the disaster. Information gathered by local teams can be shared through the USDA Farm Service Agency, Cooperative Extension, local Emergency Management Agency, or other interested entities. Most agriculture disasters are weather related, such as flooding, drought, wildfire, hail, freezing, and wind. Plant and animal diseases can cause significant damage and economic loss. Agricultural producers/growers can also incur economic losses as the result of accidental or intentional human actions such as misapplied pesticides, contaminated feed or water, or the intentional introduction of a bio-agent.

The **Ag Damage Assessment Form** provides a standardized method for individuals who are interested in determining the extent of damages to agricultural commodities and structures.

Local, third-party, independent damage assessment may be done by representatives of Farm Service Agency; APHIS; Cooperative Extension; the local Emergency Management Agency; other local, state, federal agencies; or by insurance company representatives. Regardless of the intended use of agricultural disaster loss information, the approach

used by this **Ag Damage Assessment Form** can provide rapid and accurate information to the assessment process of determining agricultural damages and economic losses.

The **Ag Damage Assessment Form** provides spaces to record details needed to determine the exact location and the scale of agricultural damage and loss. **The Assessment Form** includes sections for agricultural losses, including: animal and crop/plant commodities, structures, stored materials, and machinery and equipment. If losses occur for agricultural items not listed, "other" spaces are provided to add/describe additional losses.

The **Ag Damage Assessment** process may require additional resources to determine current local values and economic losses for disaster damages. Assessors may access local or regional crop and livestock market reports, ag suppliers and dealers, building contractors, state departments of agriculture, and the local FSA or Extension office to determine accurate evaluations and current values. In all situations, documentation including pictures and receipts, and listing of the source used to determine values, is critical to ensure credibility. Assessors are tasked with exercising their best judgment to determine the extent of damage, and to document loss and value based on experience and credible sources.

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PENNSTATE



Cooperative Extension
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United States
Department of
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In partnership with land-grant universities, and other public and private organizations, NIFA provides the focus to advance a global system of extramural research, extension, and higher education in the food and agricultural sciences.

AgDamage Assessment Form



***required field**

| | | |
|------------------------------|--|--------|
| *Date of assessment: | | |
| *Completed by, Name: | | |
| Assessment agency: | | |
| *Contact information: | ADDRESS: | |
| | PHONE: | EMAIL: |
| *EMERGENCY NEEDS* | <input type="checkbox"/> No <input type="checkbox"/> YES (describe) _____ | |

1. DISASTER EVENT

| | | |
|--|--|--|
| *Name Or Type (describe): | | *Beginning Date: _____ *Ending Date: _____ |
| AREA AFFECTED: | <input type="checkbox"/> Isolated <input type="checkbox"/> Widespread <input type="checkbox"/> Entire County | PHOTOS submitted illustrating losses: <input type="checkbox"/> Yes, attached <input type="checkbox"/> No |
| If loss is being claimed due to breach of biosecurity, exposure to disease, or contamination: | Describe: | |
| | Potential effect: | |

2. OWNER/OPERATOR & BUSINESS INFORMATION

***NAME (Last, first, middle) or NAME OF BUSINESS**

| | | |
|--|---|--|
| Permanent residence information *STREET _____ *CITY _____ STATE _____ ZIP _____ *COUNTY _____ GPS location in Decimal Degrees – Datum must be set to WGS 84 (example – 61.34664) _____ lat (°N) (example – 149.09333) _____ long (°W) Farm ID/FSA #: _____ Premises ID (optional) #: _____ | Location of site assessment (if different) DIRECTIONS TO DAMAGE SITE (provide specific miles and mention visible landmarks): _____ *STREET _____ *CITY _____ STATE _____ ZIP _____ *COUNTY _____ GPS location in Decimal Degrees – Datum must be set to WGS 84 _____ lat (°N) _____ long (°W) Farm ID/FSA #: _____ Premises ID (optional) #: _____ | Other site assessment location if damage occurred during transit or where the producer-owned commodity is stored. Ex: local grain elevator, co-op. LOCATION _____ STREET _____ CITY _____ STATE _____ ZIP _____ COUNTY _____ GPS location in Decimal Degrees – Datum must be set to WGS 84 _____ lat (°N) _____ long (°W) |
| *Telephone: _____ FAX number: _____ Cell phone: _____ Email: _____ | *Telephone (alternate): _____ FAX number: _____ Cell phone: _____ Email: _____ | |

3. ASSURANCE By signing below, I certify that the statements herein are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil or administrative penalties.

| | |
|---|--|
| 3a. OWNER/OPERATOR ASSURANCE —SIGNATURE OF PERSON NAMED IN 2. ("PER" SIGNATURE NOT ACCEPTABLE) *SIGNATURE: _____ DATE: _____ | 3b. ASSESSOR ASSURANCE *SIGNATURE: _____ DATE: _____ |
|---|--|



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***required field**



ANIMAL LOSSES

4. ANIMAL LOSSES—OWNER

| KIND | TYPE | WEIGHT RANGE | ¹ NO. DEAD | NO. INJURED | NO. MISSING | ² NO. DISEASED <input type="checkbox"/> If clinical list symptoms | ³ \$ LOSS |
|---------------------|-----------------------------------|---------------------------|-----------------------|-------------|-------------|---|----------------------|
| Alpacas | | | | | | | |
| Aquaculture | | | | | | | |
| Beef | Adult | Bulls | | | | | |
| | | Bred Cows | | | | | |
| | | Cull Cows | | | | | |
| | Non-adult | Bred Heifers | | | | | |
| | | Heifers—Less than 400 lbs | | | | | |
| | | Heifers—400 to 799 lbs | | | | | |
| | | Heifers—800 lbs or more | | | | | |
| | | Steers—Less than 400 lbs | | | | | |
| | | Steers—400 to 799 lbs | | | | | |
| | | Steers—800 lbs or more | | | | | |
| Honey Bees | Bee Colony | | | | | | |
| | Honey | | | | | | |
| Buffalo/ Beefalo | Adult | Bulls | | | | | |
| | | Cows | | | | | |
| | Non-adult | Less than 400 lbs | | | | | |
| | | 400 to 799 pounds | | | | | |
| 800 pounds or more | | | | | | | |
| Chickens | Broilers/Pullets | | | | | | |
| | Broilers/Pullets (Regular Size) | | | | | | |
| | Chicks | | | | | | |
| | Layers | | | | | | |
| | Layers/Roasters | | | | | | |
| | Pullets/Cornish Hens (Small Size) | | | | | | |
| | Roasters | | | | | | |
| | Eggs | | | | | | |
| Dairy | Adult | Bulls | | | | | |
| | | Dry Cows | | | | | |
| | | Close-up Cow | | | | | |
| | | Bred Milking Cows | | | | | |
| | | Open Milking Cows | | | | | |
| | | Cull Cows | | | | | |
| | Non-adult | Bulls—Less than 400 lbs | | | | | |
| | | Bulls—400 to 799 lbs | | | | | |
| | | Bulls—800 lbs or more | | | | | |
| | | Heifers—Bred | | | | | |
| | | Heifers—Springer | | | | | |
| | | Heifers—Less than 400 lbs | | | | | |
| | | Heifers—400 to 799 lbs | | | | | |
| | Heifers—800 lbs or more | | | | | | |
| Milk | | | | | | | |
| Deer | | | | | | | |
| Ducks | Ducklings | | | | | | |
| | Ducks | | | | | | |

DUPLICATE AS NEEDED



ANIMAL LOSSES

4. ANIMAL LOSSES—OWNER (continued)

| KIND | TYPE | WEIGHT RANGE | ¹ NO. DEAD | NO. INJURED | NO. MISSING | ² NO. DISEASED <input type="checkbox"/> If clinical list symptoms | ³ \$ LOSS |
|--------------------------|---|------------------|-----------------------|-------------|-------------|---|----------------------|
| Elk | | | | | | | |
| Emus | | | | | | | |
| Equine | Production Horses | | | | | | |
| | Work Horses | | | | | | |
| | Performance Horses | | | | | | |
| | Pleasure Horses | | | | | | |
| Geese | Goose | | | | | | |
| | Gosling | | | | | | |
| Goats | Bucks | | | | | | |
| | Nannies | | | | | | |
| | Slaughter Goats/Kids | | | | | | |
| Llamas | | | | | | | |
| Reindeer | | | | | | | |
| Sheep | Ewes | | | | | | |
| | Lambs | | | | | | |
| | Rams | | | | | | |
| Swine | Piglets | 10 lbs and under | | | | | |
| | Feeder Pigs | 10 to 40 lbs | | | | | |
| | Market (non-breeding) Pigs | 40 to 300 lbs | | | | | |
| | Breeding Swine (include gilts for breeding) | | | | | | |
| Turkeys | Poults | | | | | | |
| | Toms/Fryers/Roasters | | | | | | |
| Other Animals (identify) | | | | | | | |
| Sub Total | | | | | | | |

¹Please describe method of carcass disposal (buried, incinerated, composted, etc...):

²If yes, please describe signs or symptoms of infectious disease

Neurological (# affected: _____)

Respiratory (# affected: _____)

Gastrointestinal (# affected: _____)

Other (describe): _____

³Source of current values:

DUPLICATE AS NEEDED



ANIMAL LOSSES

4a. ANIMAL LOSSES—CONTRACT GROWER

| KIND | TYPE | WEIGHT RANGE | ¹ NO. DEAD | NO. INJURED | NO. MISSING | ² NO. DISEASED <input type="checkbox"/> If clinical list symptoms | ³ \$ LOSS |
|--------------------------|---|---------------------|-----------------------|-------------|-------------|---|----------------------|
| Chickens | Broilers/Pullets | | | | | | |
| | Broilers/Pullets (Regular Size) | | | | | | |
| | Chicks | | | | | | |
| | Layers | | | | | | |
| | Layers/Roasters | | | | | | |
| | Pullets/Cornish Hens (Small Size) | | | | | | |
| | Roasters | | | | | | |
| | Eggs | | | | | | |
| Ducks | Ducklings | | | | | | |
| Geese | Goose | | | | | | |
| Swine | Piglets | 10 pounds and under | | | | | |
| | Feeder Pigs | 10 to 40 pounds | | | | | |
| | Market (non-breeding) Pigs | 40 to 3000 pounds | | | | | |
| | Breeding Swine (include gilts for breeding) | | | | | | |
| Turkeys | Toms/Fryers/Roasters | | | | | | |
| Other Animals (identify) | | | | | | | |
| Sub Total | | | | | | | |

¹Please describe method of carcass disposal (buried, incinerated, composted, etc...):

²If yes, please describe signs or symptoms of infectious disease

- Neurological (# affected: _____)
- Respiratory (# affected: _____)
- Gastrointestinal (# affected: _____)
- Other (describe): _____

³Source of current values:

DUPLICATE AS NEEDED



STRUCTURES AND FACILITIES LOSSES

6. STRUCTURES AND FACILITIES LOSSES

| NAME | SIZE/CAPACITY/FUNCTION | AGE | WOOD | STEEL/METAL | BLOCK/BRICK | CONCRETE | EARTH/DIRT | FABRIC | OTHER | AFFECTED | MINOR | MAJOR | DESTROYED | BRIEF DAMAGE NARRATIVE ESTIMATE \$ (INDICATE REPAIR OR REPLACEMENT) |
|---|------------------------|-------|------|-------------|-------------|----------|------------|--------|-------|----------|-------|-------|--------------|--|
| <i>Example:</i> Hay Barn | 20 x 30ft, storage | 8 yrs | X | X | | | | | | | | X | | 80% of metal roof damaged or missing. 20% of trusses damaged, posts and poles intact ESTIMATE \$: \$3,200 repair |
| <i>Example:</i> Center Pivot | 1000 ft long | 2 yrs | | | | | | | | | | | X | 5/6 towers collapsed, pipe segments torn and bent, motors submerged for 10 days ESTIMATE \$: \$38,000 replacement |
| 1. | | | | | | | | | | | | | | |
| 2. | | | | | | | | | | | | | | |
| 3. | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | |
| Damage Categories Affected (repairable, safe, functional/marginally functional) Minor (repairable, possibly unsafe, marginally functional) Major (repairable, unsafe, not functional) Destroyed (non-repairable, unsafe, not functional) | | | | | | | | | | | | | ESTIMATE \$: | |
| Total (\$) this page: | | | | | | | | | | | | | ESTIMATE \$: | |
| Total (\$) Sect. 6 pages: | | | | | | | | | | | | | ESTIMATE \$: | |

DUPLICATE AS NEEDED



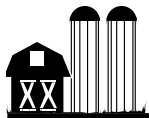
STRUCTURES AND FACILITIES LOSSES

6. STRUCTURES AND FACILITIES LOSSES (continued)

| NAME | SIZE/CAPACITY/FUNCTION | AGE | MATERIALS | | | | | | | | | | BRIEF DAMAGE NARRATIVE ESTIMATE \$ (INDICATE REPAIR OR REPLACEMENT) | | | |
|--|------------------------|-----|------------------|-------------|-------------|----------|------------|--------|-------|----------|-------|-----------------------|---|-----------|--------------|--|
| | | | WOOD | STEEL/METAL | BLOCK/BRICK | CONCRETE | EARTH/DIRT | FABRIC | OTHER | AFFECTED | MINOR | MAJOR | | DESTROYED | | |
| 6. | | | | | | | | | | | | | | | ESTIMATE \$: | |
| | | | NOTES: | | | | | | | | | | | | | |
| | | | ESTIMATE SOURCE: | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | ESTIMATE \$: | |
| | | | NOTES: | | | | | | | | | | | | | |
| | | | ESTIMATE SOURCE: | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | ESTIMATE \$: | |
| | | | NOTES: | | | | | | | | | | | | | |
| | | | ESTIMATE SOURCE: | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | ESTIMATE \$: | |
| | | | NOTES: | | | | | | | | | | | | | |
| | | | ESTIMATE SOURCE: | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | ESTIMATE \$: | |
| | | | NOTES: | | | | | | | | | | | | | |
| | | | ESTIMATE SOURCE: | | | | | | | | | | | | | |
| 11. | | | | | | | | | | | | | | | ESTIMATE \$: | |
| | | | NOTES: | | | | | | | | | | | | | |
| | | | ESTIMATE SOURCE: | | | | | | | | | | | | | |
| 12. | | | | | | | | | | | | | | | ESTIMATE \$: | |
| | | | NOTES: | | | | | | | | | | | | | |
| | | | ESTIMATE SOURCE: | | | | | | | | | | | | | |
| Damage Categories Affected (repairable, functional/marginally functional) Minor (repairable, possibly unsafe, not functional) Major (repairable, unsafe, not functional) Destroyed (non-repairable, unsafe, not functional) | | | | | | | | | | | | Total (\$) this page: | Total (\$) Sect. 6 pages: | | | |

DUPLICATE AS NEEDED



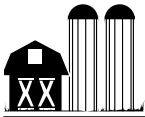


STORED MATERIALS LOSSES

7. STORED MATERIALS

| STORED MATERIALS | | AMOUNT (UNIT) | % DRY MATTER | VALUE*** PER UNIT | HOW STORED – SHED, SILO, BUNKER, BIN, BAG | TOTAL LOSS |
|-------------------------------------|-----------------|---------------|--------------|-------------------|---|------------|
| Stored Grain | | | | | | |
| Soybeans | | | | | | |
| Corn | Dry | | | | | |
| | HM Ear Corn | | | | | |
| | HM Shelled Corn | | | | | |
| Oats | | | | | | |
| Wheat | | | | | | |
| Barley | | | | | | |
| Rye | | | | | | |
| Other (describe) | | | | | | |
| Manufactured Feed (describe) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Forages | | | | | | |
| Dry Hay | | | | | | |
| Haylage | | | | | | |
| Corn Silage | | | | | | |
| Whole Plant Grain Silage | | | | | | |
| Mulch Hay | | | | | | |
| Other (describe) | | | | | | |
| Feed Commodities/Ingredients | | | | | | |
| Vitamins/Minerals | | | | | | |
| Premix | | | | | | |
| Salt | | | | | | |
| Other (describe) | | | | | | |
| Other (describe) | | | | | | |
| Other (describe) | | | | | | |
| Stored Fruit (describe) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Stored Vegetables (describe) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Sub Total | | | | | | |

DUPLICATE AS NEEDED



STORED MATERIALS LOSSES

7. STORED MATERIALS (continued)

| STORED MATERIALS | AMOUNT (UNIT) | % DRY MAT-TER | VALUE*** PER UNIT | HOW STORED – SHED, SILO, BUNKER, BIN, BAG | TOTAL LOSS |
|---|---------------|---------------|-------------------|---|------------|
| Stored Crops (describe): ex: Tobacco, Cotton, Peanuts | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Animal Medications | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Pesticides | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Fertilizer | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Fuel | | | | | |
| Gasoline | | | | | |
| Diesel | | | | | |
| Propane | | | | | |
| Stored Seed for Planting (describe) | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Animal Bedding | | | | | |
| Straw | | | | | |
| Sawdust / wood chips | | | | | |
| Sand | | | | | |
| Other (describe) | | | | | |
| Economically significant by-products (describe): ex. Dried Manure, Compost, Fish Bi-Products | | | | | |
| | | | | | |
| | | | | | |
| Sub Total | | | | | |
| ***Source of current values: | | | | | |

DUPLICATE AS NEEDED

