

**[DA ADMINISTRATIVE ORDER NO. 06, January
15, 2010]**

GUIDELINES ON OPV CORN SEED CERTIFICATION

Pursuant to the provisions of the Implementing Rules and Regulations of RA 7308, otherwise known as the Seed Industry Development Act of 1992, Chapter III, Article II, Section 3, and upon approval of the National Seed Industry Council, the following guidelines are hereby adopted to ensure better quality of seeds:

I. Field and Postharvest Inspection

Deputized Seed Inspectors are required to conduct field inspection

A minimum of two (2) field inspections, preliminary (pre-flowering) and final (at flowering), and a minimum of one postharvest inspection after cob sorting before shelling shall be required. More inspections may be done to assess presence of off-types, weeds, diseased plants and other contaminants.

II. Field Standards

A. Unit of Certification - The minimum area intended for certification must be one (1) hectare in compact area.

B. Isolation -

Time Isolation - 18 to 20 days gap of flowering before and after planting of any corn.

Distance Isolation - Minimum of 300m without barrier. In the presence of natural barriers such as sugarcane, banana, and other plantation crops taller than corn, an isolation of 200m is allowed.

Field Standard:

Factors Maximum no. of plants permitted per 100 sq.m. of each class

	Breeder	Foundation	Registered	Certified
Other varieties and off-types	0	5	6	8
Other crops	0	0	2	5
Objectionable weeds*	0	1	2	3

* Objectionable weeds - *Amaranthus spp.*, *Ipomea triloba*, *Roetboella exaltata*, etc.

C. Specific Requirement

At approximate 40,000 plant density/ha., maximum of 200 offtypes are allowed per hectare. Determination of off-types during field inspection is based on plant height (+-30 cms. from the normal height), maturity (+-7 days from the normal maturity), and leaf angle. Volunteer plants, pests infected and infested plants and barren plants should be removed during inspection. Replanting of missing hills is not allowed in OPV seed production.

III. Seed Lot

Homogenous seed lot produced from field lot shall be marked Field Lot A-1, Field Lot A-2, or Field Lot B-1, Field Lot B-2. The number 1, 2, 3 and so on shall be the seed lot designation.

IV. Seed Sampling

Seed sampling shall be carried out by Deputized Seed Inspectors. The Certifying Agency may conduct seed sampling only when necessary. Samples shall be taken at random in a seed lot.

The Intensity of seed sampling shall be as follows:

No. of bags in Lot	No. of bags to sample
1-10	Every bag
11-15	10
21-30	12
31-40	14
41-50	16
51-60	18
61-70	20
71-80	22
81-90	24
91-100	26

Maximum number of bags/seed lot for certification

Source of seeds	Weight per bag	No. of bags/seedlot
Breeder	10 kg	10
Foundation	20 kg	50
Registered	20 kg	100