

**Sandea Receives Approval for Use in Apple Orchards**  
**W.E. Mitchem**  
**Extension Associate**  
**Orchard and Vineyard Floor Management**  
**NC State Univ., Univ. of GA, and Clemson Univ., Cooperating**

The EPA has recently established a clearance for the use of Sandea in apple orchards. Once the use is registered in individual states Sandea may be used in orchards this summer.

Use rates for Sandea will range from 0.5 to 1 oz per acre. No more than 2 oz per acre may be applied within a 12 month period. Sandea will have a 14 day PHI and may be tank mixed with glyphosate for broad spectrum postemergence weed control. Sandea may only be used in orchards where trees have been established 1 year or longer and precautions should be taken to prevent spray drift or solution contact with tree foliage and/or fruit.

Sandea has preemergence and postemergence activity on a number of weeds (See Table 1.). The most significant benefit of having Sandea registered for use in apple trees is related to it's effectiveness on nutsedge. Sandea is known to provide excellent postemergence control of yellow and purple nutsedge and will reduce tuber viability. Sandea is most effective when applied to nutsedge plants having 3 to 5 leaves at a rate of 0.75 to 1 oz per acre. Under certain conditions or where nutsedge pressure is very high a second application may be necessary. The use of a non-ionic surfactant is required for adequately controlling emerged weeds.

**Table 1. Weeds Controlled by Sandea.**

**C = Control; S = Suppression; NA = No Activity**

<b>Weed Species</b>	<b>Preemergence</b>	<b>Postemergence</b>
Dayflower	C	S
Galinsoga	C	C
Horsenettle	NA	C
Lambsquarter	C	NA
Morningglory	NA	S
Mustard, Wild	C	C
Passionflower, Maypop	NA	C
Nutsedge, Purple	S	C
Nutsedge, Yellow	S	C
Pigweed	C	C
Ragweed, Common	C	C
Ragweed, Giant	NA	C