

## **Cooperative Extension-Sacramento County**

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## Garden Notes

**GN 104** 

## GRAFTING AFFINITIES OF SOME COMMON FRUIT TREE SPECIES

|                                  | ROOTSTOCK |       |         |        |         |      |                   |                   |                              |
|----------------------------------|-----------|-------|---------|--------|---------|------|-------------------|-------------------|------------------------------|
| SCION                            | Almond    | Apple | Apricot | Cherry | Peach   | Pear | Myrobalan<br>Plum | English<br>Walnut | N. Calif.<br>Black<br>Walnut |
| Almond                           | SC        |       |         |        | SC      |      |                   |                   |                              |
| Apple                            |           | SC    |         |        |         |      |                   |                   |                              |
| Apricot                          |           |       | SC      |        | SC      |      | SC                |                   |                              |
| Cherry                           |           |       |         | SC     |         |      |                   |                   |                              |
| Peach &<br>Nectarine             | PS        |       | PS      |        | SC      |      |                   |                   |                              |
| Pear                             |           |       |         |        |         | SC   |                   |                   |                              |
| Plum<br>(Japanese<br>European) + | <br>S*    |       | <br>S*  |        | <br>SC* |      | sc                |                   |                              |
| English<br>Walnut                |           |       |         |        |         |      |                   | SC                | SC                           |

## **KEY**

- --- Indicates grafts that will not grow or where growth is very weak and short-lived.
- S Indicates satisfactory grafting affinity.
- SC Indicates satisfactory and commonly used in California.
- PS Indicates grafts that are partially satisfactory.
- \* A few varieties in these combinations do not make satisfactory unions.
- + In general, many European and Japanese plums may be grafted on European plums. Although many Japanese varieties do well on other Japanese varieties, most European varieties are not successful on Japanese. Peaches, almonds, and apricots may sometimes be grafted on Japanese and European plums with fair success, but as a rule they either fail to grow or grow unsatisfactorily.

May 2005. Written by Chuck Ingels, UCCE Sacramento County Pomology, Viticulture, and Environmental Horticulture Advisor.

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