Ricoh & Sawgrass Printers
MacProfile Print Setup Guide: Illustrator CS6-CC

IMPORTANT: Before proceeding, ensure the correct printer driver and SubliJet MacProfile have been installed. For assistance with profile installation, refer to the Installation Guide.

Adobe Illustrator Workspace Setup

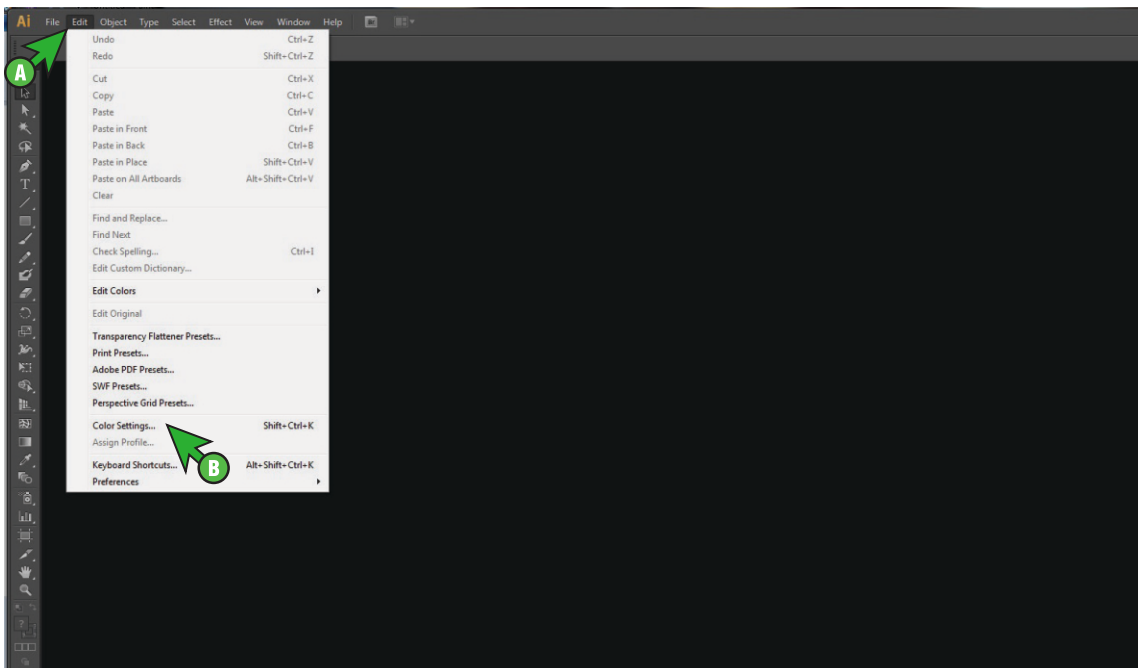1) Begin by opening Adobe Illustrator. In the menu bar, click **Edit > Color Settings** (see *FIGURE 1*).

FIGURE 1

2) In the Color Settings window that opens, match your settings to those shown below (see *FIGURE 2*).

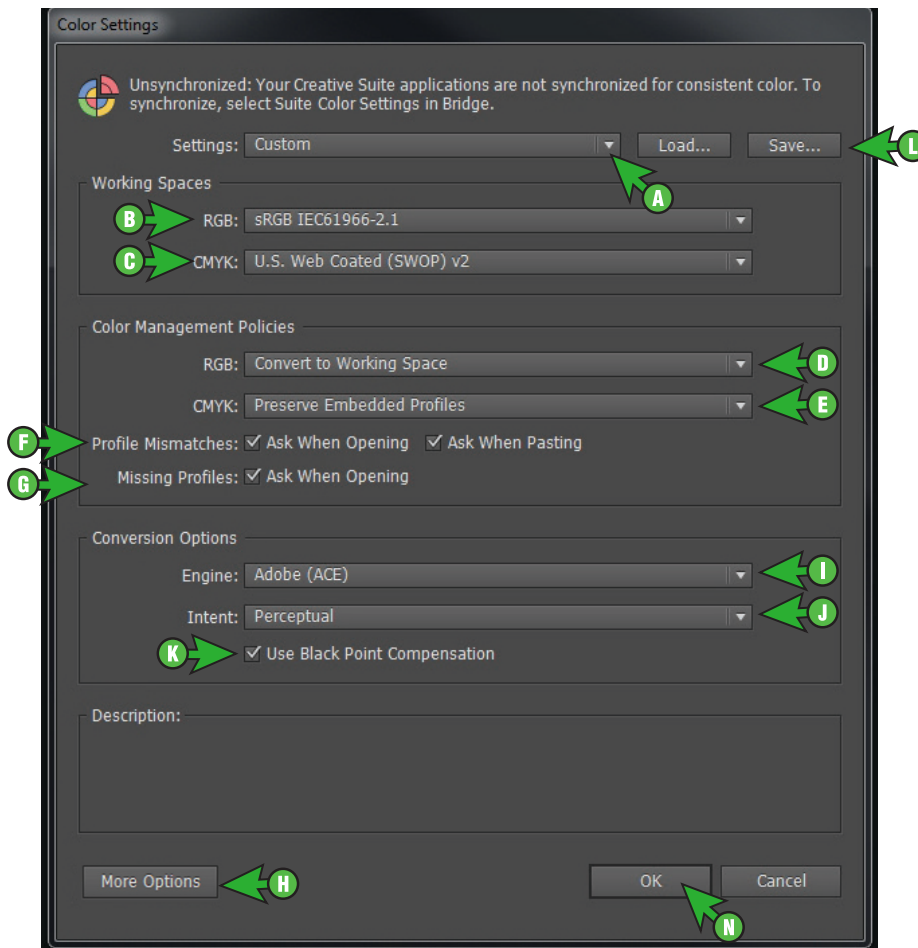*FIGURE 2*

A. Settings: **Custom**
B. RGB: **sRGB IEC61966-2.1**
C. CMYK: **U.S. Web Coated (SWOP) v2**
D. RGB: **Convert to Working Space**
E. CMYK: **Preserve Embedded Profiles**
F. Profile Mismatches: Check **Ask When Opening** and also check **Ask When Pasting**
G. Missing Profiles: Check **Ask When Opening**
H. Click: **More Options if Conversion Options are not available**
I. Engine: **Adobe (ACE)**
J. Intent: **Perceptual**
K. Check: **Use Black Point Compensation**
L. After all of the settings match those specified above, click the **Save** button.

M. In the Save Color Settings window that opens, NAME your new preset in the **File Name** field and click **Save** when complete (see *FIGURE 3*).
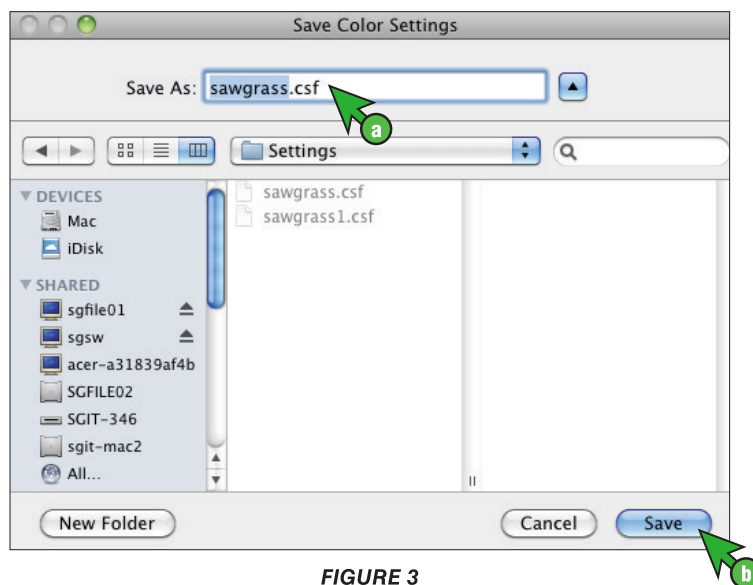
FIGURE 3

N. Click **OK** to exit the Color Settings window (see FIGURE 2)

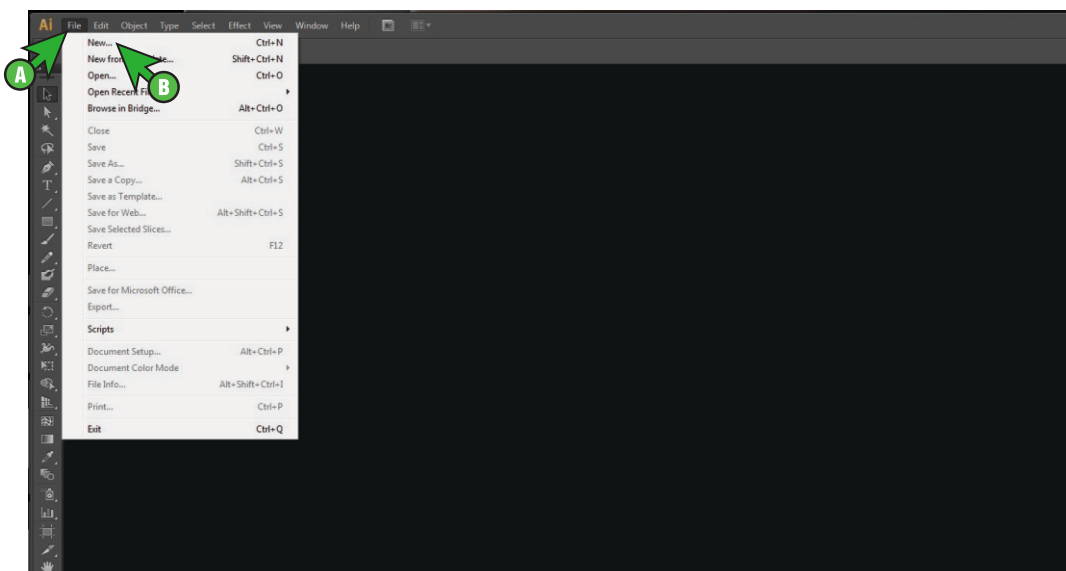3) In the menu bar, click **File > New…** (Ctrl+N) (see *FIGURE 4*).

FIGURE 4

4)   In the **New Document** window, make the selections shown below (see *FIGURE 5*).

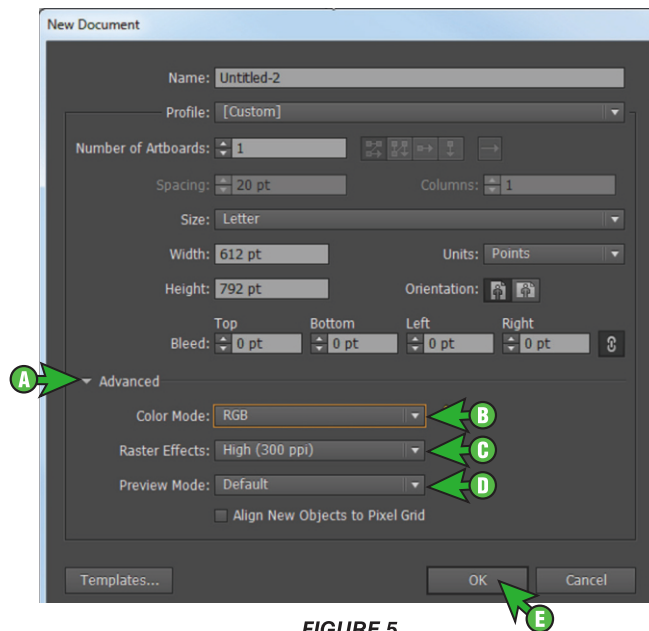*FIGURE 5*

A. Click the down arrow next to **Advanced**
B. Color Mode: **RGB**
C. Raster Effects: **High (300 ppi)**
D. Preview Mode: **Default**
E. Click **OK** to save your changes and continue

5)   When opening or importing images in Illustrator, you may encounter a **Missing Profile** or **Embedded Profile Mismatch** warning. For the Missing Profile instance, select the radio button for **Assign current working space:** *sRGB IEC61966-2.1* and click **OK** to continue (see *FIGURE 6A*). For the Embedded Profile Mismatch instance, select **Convert document's colors to the working space** and click **OK** to continue (see *FIGURE 6B*).
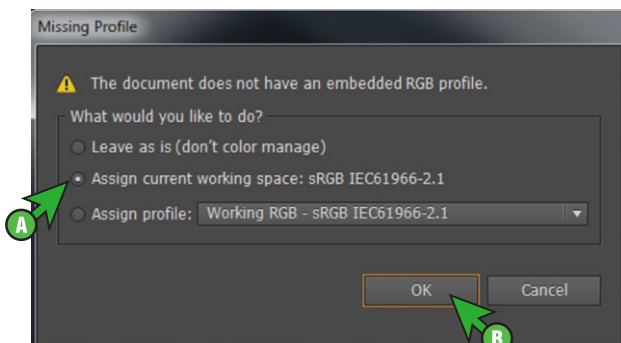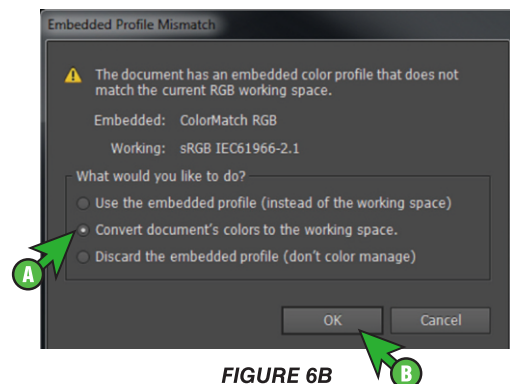

FIGURE 6A

FIGURE 6B

NOTE: *Always choose to assign or convert to **sRGB IEC61966-2.1**.*

6) Everytime an image is opened or imported in Illustrator, ensure that RGB color mode has been selected. In the menu bar, click **File > Document Color Mode > RGB Color**. A check mark should now be visible beside **RGB Color** (see *FIGURE 7*).
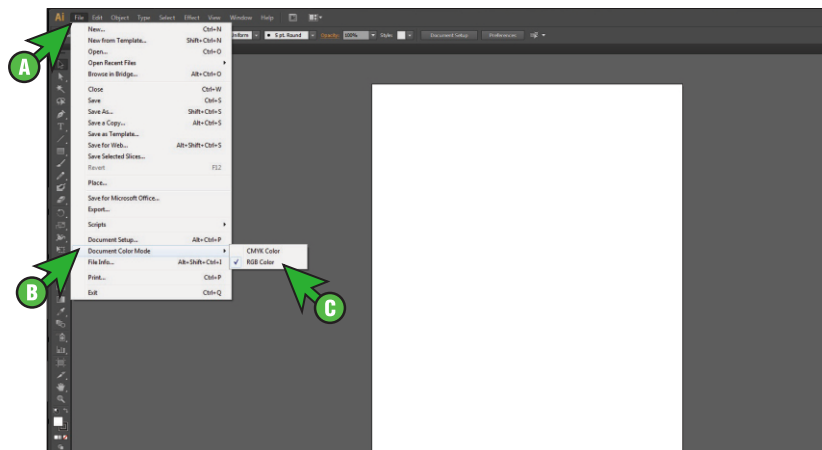

FIGURE 7

Printing from Illustrator with the Ricoh/Sawgrass printer

7) With the correct color settings entered, you are now ready to print. In the Menu Bar, click **File > Print**. In the Print window, match your settings to those shown below (see *FIGURE 8*).
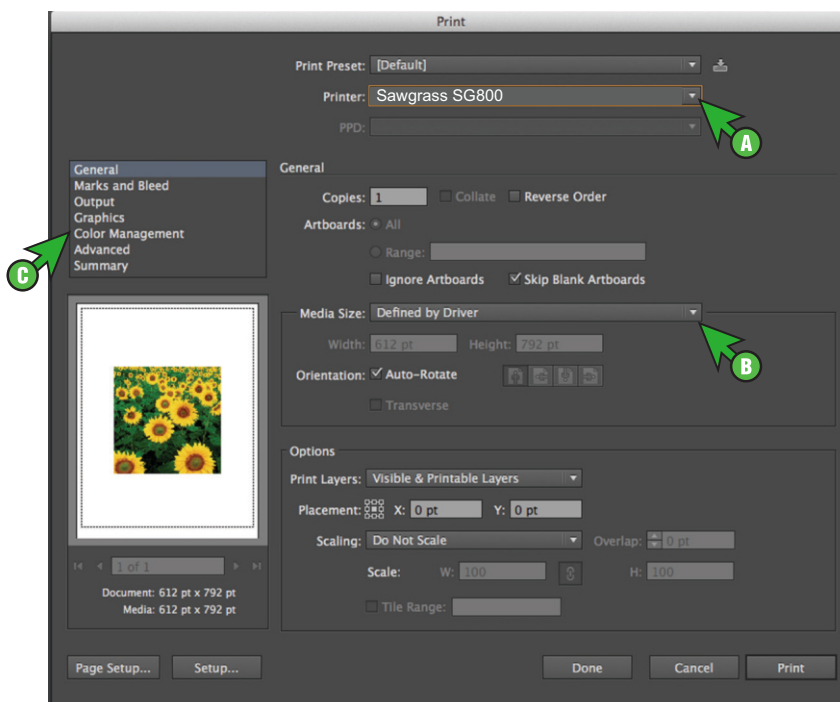

FIGURE 8

A. Printer: **Sawgrass SG800** or similar printer
B. Size: **Defined by Driver**
C. Click **Color Management** to view the color management settings.

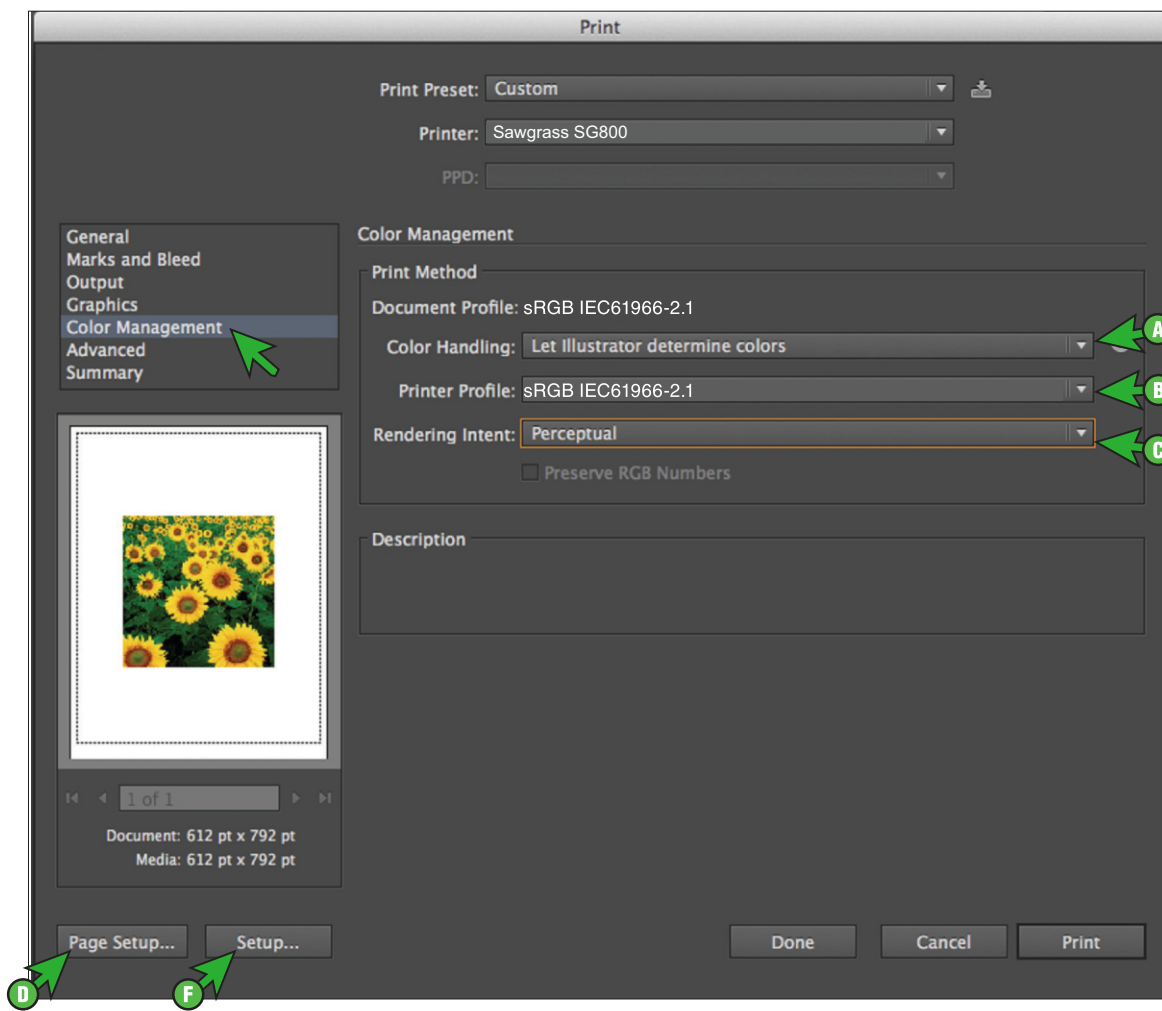8)　　In the Color Management area, match your settings to those shown below (see *FIGURE 9*).

FIGURE 9

A.　Color Handling: **Let Illustrator determine colors**
B.　Printer Profile: **sRGB IEC61966-2.1**
C.　Rendering Intent: **Perceptual**
D.　After all of the correct settings have been entered, click the **Page Setup...** button.

E. In the Page Setup window that opens, match your settings to those shown below (see *FIGURE 10*).

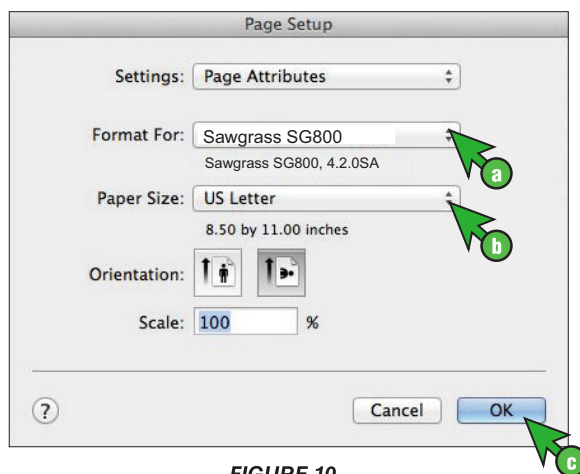*FIGURE 10*

    a. Format For: **Sawgrass SG800** or similar printer

    b. Paper Size: **The size of your transfer paper**

    c. Click **OK** to continue.

F. Back in the Print window, click the **Setup...** button to continue (see *FIGURE 9*).

9) Once **Setup** has been selected, the following Print window will appear (see *FIGURE 11*). Remember to **Mirror** the image before printing. You are able to do this within the printer driver or you may choose to manually mirror each image within Illustrator. To mirror the image using the printer driver, Check **Flip horizontally** (see *FIGURE 11*.)
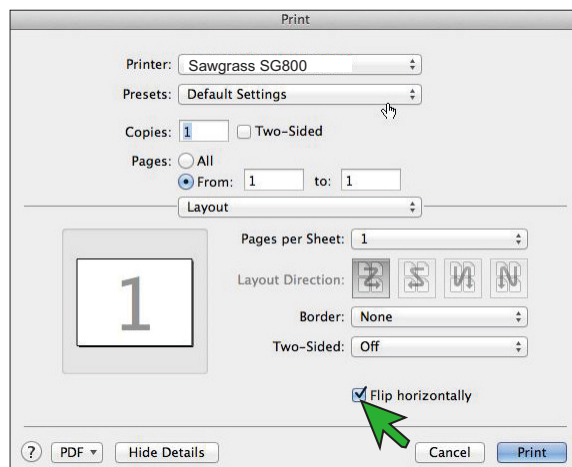

FIGURE 11

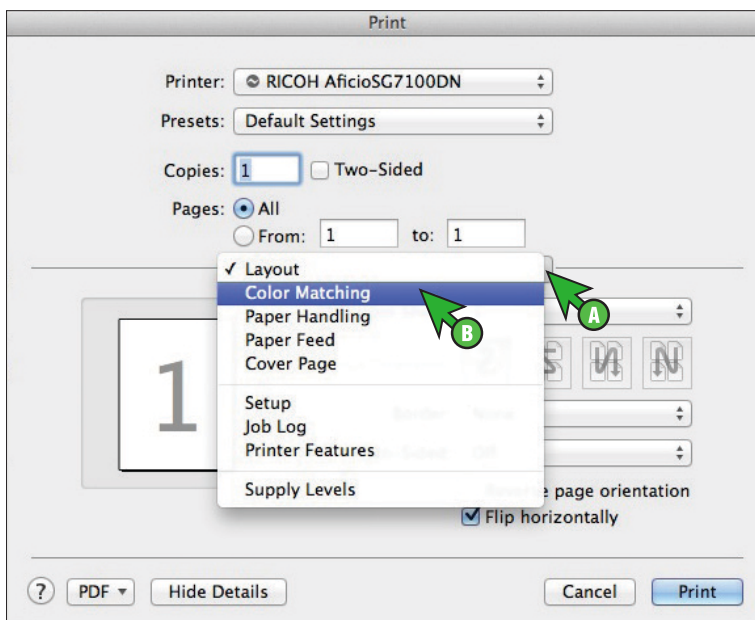10) Click on and select **Layout Color Matching** (see *FIGURE 12.*)

FIGURE 12

11) In the Color Matching window, select **Color Sync**. Then select the appropriate Sawgrass profile: (see *FIGURE 13*)

    a. Photos - choose **SG800-SJ-HD_HighQuality_Photo_RGB_Mac_v1.0**
    b. Graphics - choose **SG800-SJ-HD_HighQuality_Graphics_RGB_Mac_v1.0**
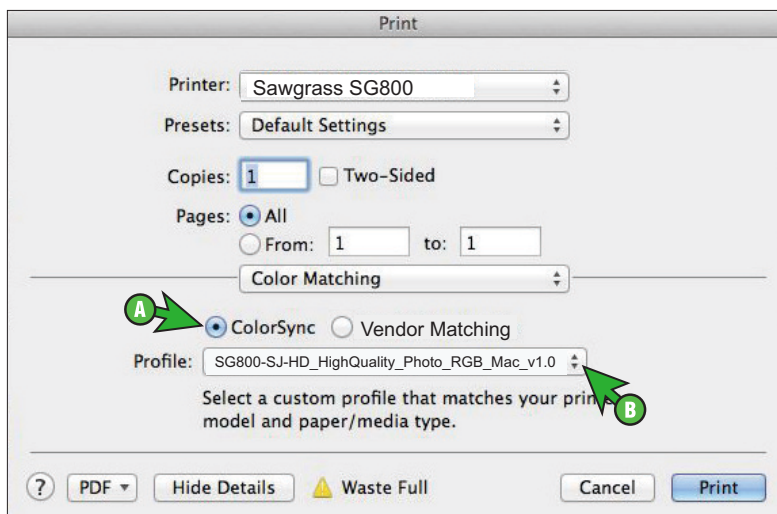   c. Greyscale - choose **SG800-SJ-HD_HighQuality_Greyscale_RGB_Mac_v1.0**

FIGURE 13

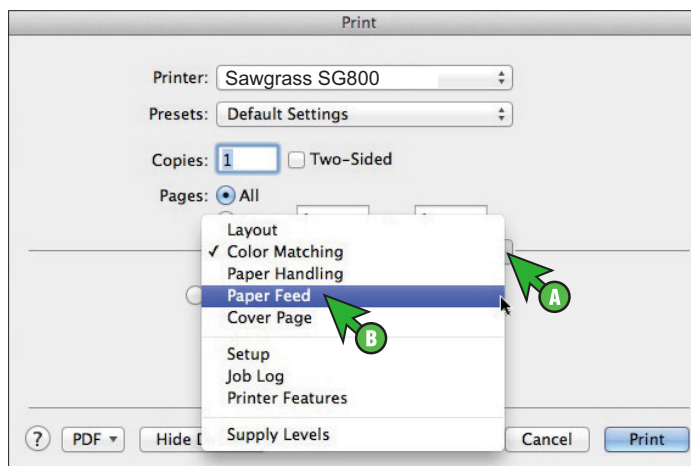12) Click on and select **Color Matching Paper Feed** (see *FIGURE 14.*)

FIGURE 14

13) In the Paper Feed window, select the printer's paper source. Use **Auto Select** unless a Bypass Tray has been purchased. For those users printing with a Bypass Tray, select **Bypass Tray** (see *FIGURE 15.*)
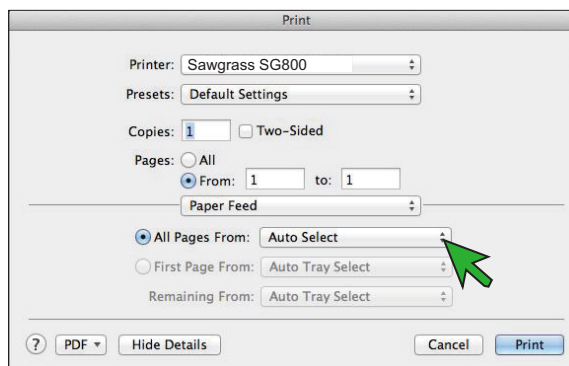

FIGURE 15

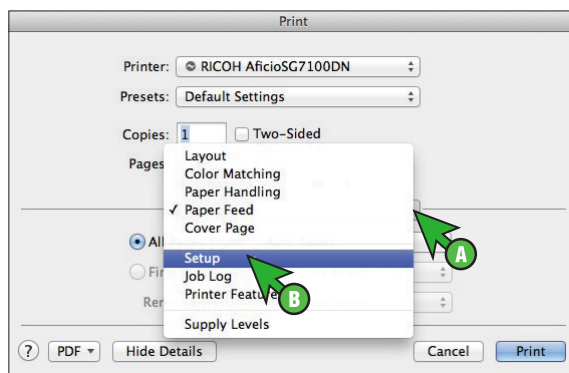14) Click on and select **Paper Feed Setup** (see *FIGURE 16.*)

FIGURE 16

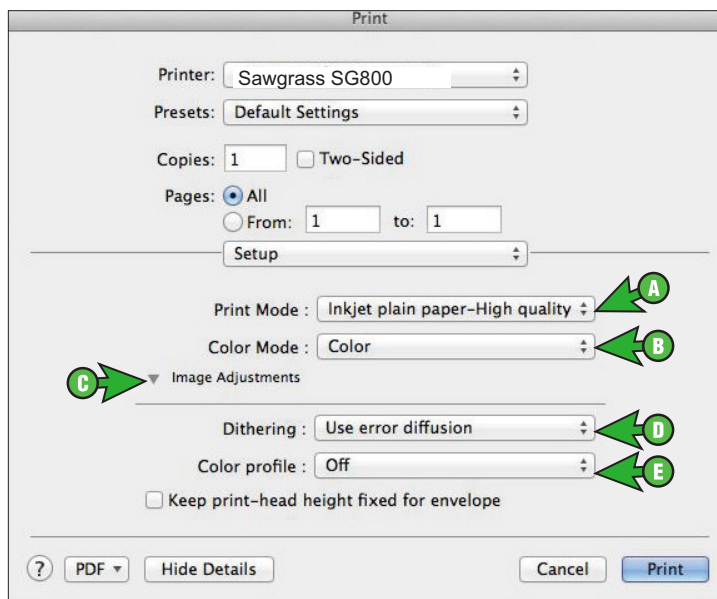15)   In the Setup window, match your settings to those shown below (see *FIGURE 17.*)

FIGURE 17

A. Print Mode: **Inkjet plain paper-High Quality**

B. Color Mode: **Color**

C. If Image Adjustments are not visible, click the drop-down arrow

D. Dithering: **Use error diffusion**

E. Color profile: **Off**

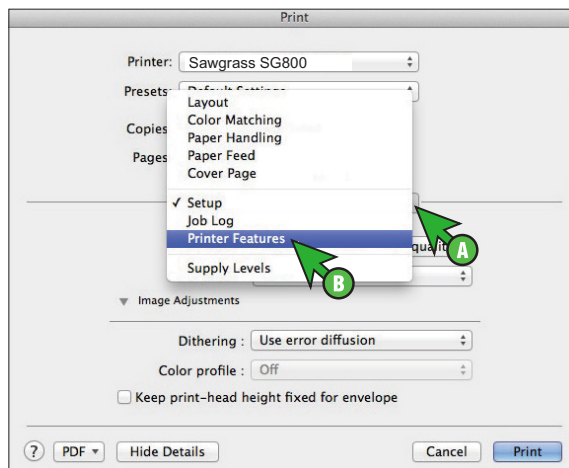16)   Click on and select **Setup Printer Features** (see *FIGURE 18*)

FIGURE 18

17) In the **Printer Features** window, match your settings to those shown below (see *FIGURE 19*).
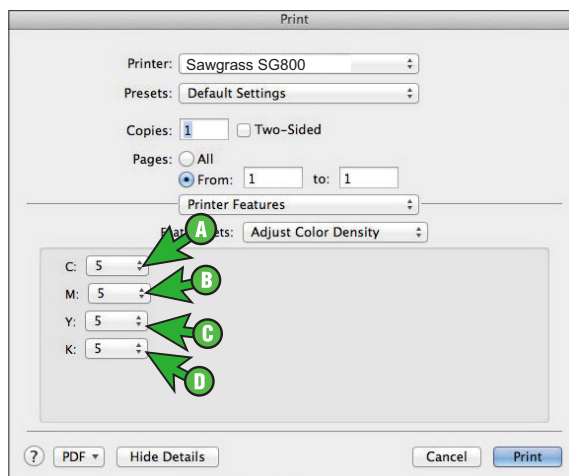

FIGURE 19

A. C: **5**
B. M**: 5**
C. Y**: 5**
D. K**: 5**

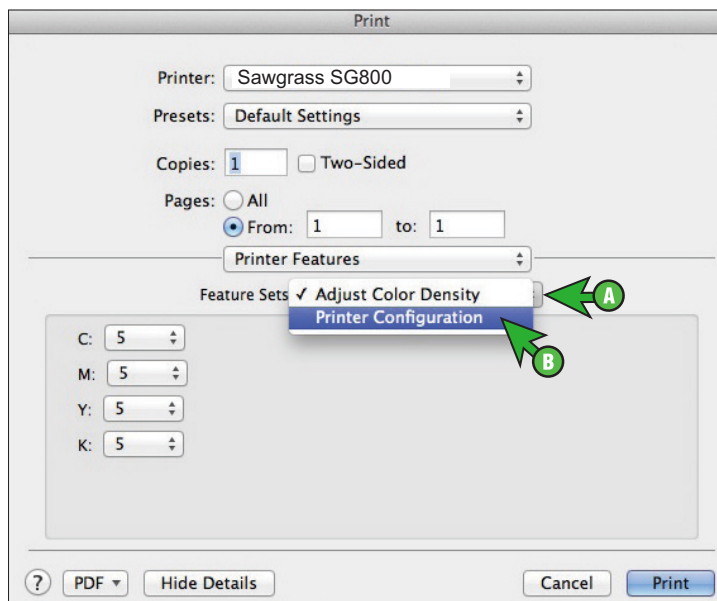18) Click on **Adjust Color Density** and select **Printer Configuration** (see *FIGURE 20*.)

FIGURE 20

19)   In the **Printer Configuration** window, match your settings to those shown below (see *FIGURE 21*).

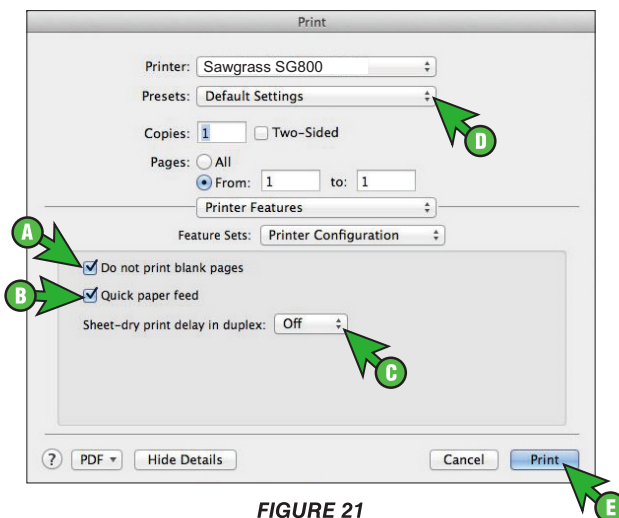*FIGURE 21*

A.   Check: **Do not print blank pages**

B.   Check: **Quick Paper Feed**

C.   Sheet-dry print delay in duplex: **Off**

D.   Select **Save Current Settings as Preset** beside Presets: (see *FIGURE 21*). Name your new preset accordingly and click **OK** to save your settings (see *FIGURE 22*).

   NOTE: *It is very important not to skip this step of saving the preset. If the preset if not saved, subsequent prints will not be correct because the color management settings established through this process will not be properly utilized by Adobe Illustrator and the Mac OS.*
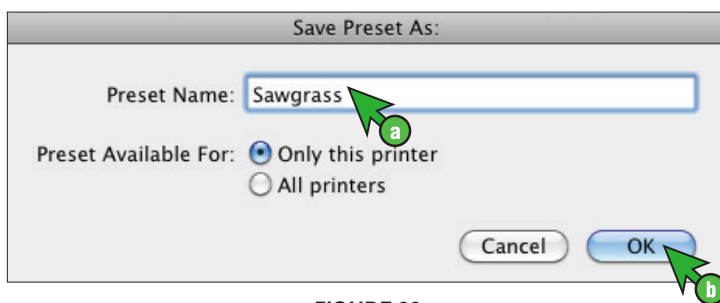

FIGURE 22

E.   Click **Print** to return to the Illustrator Print window (see *FIGURE 21*).

20)　Back in the Illustrator Print Settings window, click **Print** when you are ready to print your image (see *FIGURE 23*).
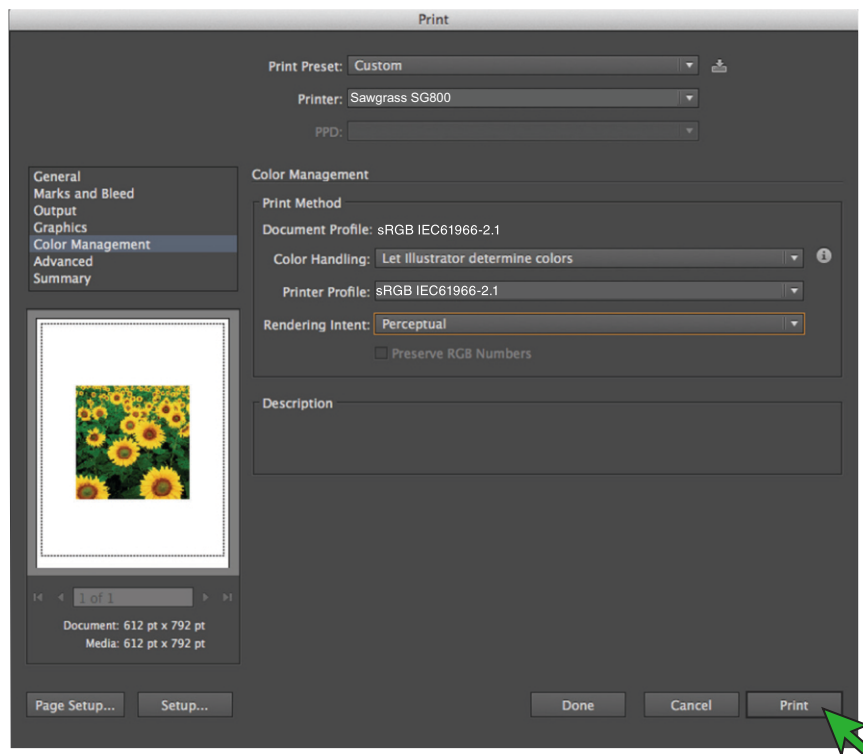

FIGURE 23

Illustrator setup is now complete. Remember to, if necessary, convert imported graphics to sRGB working space, ensure the RGB color mode is checked and select the Sawgrass printer each time you print.